## IN THE CLAIMS:

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- (Currently Amended) A method for proxying data access commands from a first storage system to a second storage system in a storage system cluster, the method-comprising the steps-of:
- in response to a failure in communication between a client and the second storage system, receiving, at a proxy port on the first storage system, a data access command at the first storage system that is directed to the second storage system;
- forwarding the received data access command to the second storage system via a cluster interconnect:
- 9 processing the data access command at the second storage system;
- returning a response from the second storage system to the first storage system via
  the cluster interconnect; and
  - sending a response to the data access command to a-the client from the first storage system.
- 2. (Currently Amended) The method of claim 1 wherein the storage systems are storage appliances and wherein the data access command is received at a proxy port associated with the first storage appliance.
- 3. (Original) The method of claim 2 wherein the proxy port comprises a physical port.
- 4. (Original) The method of claim 2 wherein the proxy port comprises a virtual port as sociated with a physical port.
- 5. (Original) The method of claim 1 wherein the response comprises requested read data.

6. (Original) The method of claim 1 wherein the response comprises an acknowledgement of a write operation.

7. (Original) The method of claim 1 wherein the response comprises a predetermined set of read data.

8. (Original) The method of claim 1 wherein the cluster interconnect comprises a direct

link between the first storage system and the second storage system.

9,-16, (Cancelled)

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- 1 17. (Currently Amended) A method for proxying data access commands in a first stor2 age system to a second system in a storage system cluster, the method comprising the
  3 steps-of:
  - in response to a failure in communication between a client and the second storage system, receiving, at a proxy port on the first storage system, a data access command at the first storage system that is directed to the second storage system;
- analyzing a received data access command at the first storage system;
  forwarding the received data access command to the second storage system; and
  processing the received data access command at the second storage system.
- returning a response from the second storage system to the first storage system;

  and

  sending a response to the data access command to the client from the first storage

  system.

18. (Currently Amended) The method of claim 17 further comprising the steps of;

- 19. (Currently Amended) The method of claim 17 wherein the step of forwarding fur-
- ther comprises the step of forwarding the data access command to the second storage sys-
- 3 tem via a cluster interconnect.
- 20. (Original) The method of claim 19 wherein the cluster interconnect comprises a fi-
- 2 bre channel link.
- 21. (Original) The method of claim 19 wherein the cluster interconnect comprises a di-
- 2 rect link between the first storage system and the second storage system.
- 22. (Cancelled)
- 23. (Currently Amended) The method of claim 22-17 wherein the proxy port comprises
- 2 a physical port.
- 24. (Currently Amended) The method of claim 22-17 wherein the proxy port comprises
- 2 a virtual port associated with the physical port,
- 25. (Original) The method of claim 18 wherein the response comprises requested read
- 2 data.
- 26. (Original) The method of claim 18 wherein the response comprises an acknowl-
- 2 edgement of the write operation.
- 27. (Currently Amended) A computer readable medium media, including program in-
- structions executing on a computer, for proxying data access commands from a first stor-
- 3 age system to a second storage system in a storage system cluster, the computer readable
  - medium media including instructions for performing the steps of:

in response to a failure in communication between a client and the second storage 5 system, receiving, at a proxy port on the first storage system, a data access command at 6 the first storage system that is directed to the second storage system; forwarding the received data access command to the second storage system via a 8 cluster interconnect: 10 processing the data access command at the second storage system; returning a response from the second storage system to the first storage system via the cluster interconnect; and sending a response to the data access command to a-the client from the first storage system. 14 28. (Currently Amended) A system for proxying data access commands from a first storage system to a second storage system connected via a cluster interconnect, the system comprising: 3 in response to a failure in communication between a client and the second storage 4 system, means for receiving a data access command at the first storage system that is di-5 rected to the second storage system; 6 means for forwarding the received data access command to the second storage system via a cluster interconnect: 8 q means for processing the data access command at the second storage system; means for returning a response from the second storage system to the first storage 10 system via the cluster interconnect; and means for sending a response to the data access command to a the client from the 13 first storage system. (Currently Amended) The method system of claim 28 wherein storage systems are

storage appliances and the data access command is received at a proxy port associated

with the first storage appliance.

32. (Currently Amended) The method system of claim 28 wherein the response comprises requested read data. 33. (Currently Amended) The method-system of claim 28 wherein the response com-1 prises an acknowledgement of a write operation. 34. (Currently Amended) The method system of claim 28 wherein the response comprises a predetermined set of read data. 35. (Currently Amended) A method for proxying data access commands from a first storage system to a second storage system in a storage system cluster, the method comprising: 3 in response to a failure in communication between a client and the second storage 5 system, receiving a data access command at the first storage system that is directed to the second storage system; 6 forwarding a data access command from the first storage system to the second 7 8 storage system; 9 processing the data access command at the second storage system; and returning a response from the second storage system to the first storage system. 10 36. (Previously Presented) The method of claim 35 further comprises sending a re-

30. (Currently Amended) The method-system of claim 29 wherein the proxy port com-

31. (Currently Amended) The method system of claim 29 wherein the proxy port com-

prises a physical port.

prises a virtual port associated with a physical port.

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sponse to the data access command from the first storage system.

- 37. (Previously Presented) The method of claim 35 wherein the data access command is
- 2 forwarded via a cluster interconnect.
- 38. (Previously Presented) The method of claim 35 further comprises receiving by the
- 2 first storage system the data access command that is directed to the second storage sys-
- 3 tem.
- 39. (Previously Presented) The method of claim 35 further comprises returning the re-
- sponse from the first storage system to a client,
- 40. (Previously Presented) The method of claim 39 wherein the response is returned via
- 2 the cluster interconnect.

## Please add claims 41 et al.

- 41. (New) A method for proxying data access commands from a first storage system to a
- second storage system in a storage system cluster, comprising:
- receiving a data access command at the first storage system; 3
- determining the data access command was received at a proxy port on the first storage system;
- passing the data access command to a local virtual adapter:
- forwarding the received data access command to the second storage system via a
- cluster interconnect: 8
- processing the data access command at the second storage system; Ω
- returning a response from the second storage system to the first storage system via 10
- the cluster interconnect; and 11
- 12 sending a response to the data access command to a client from the first storage system.
- 42. (New) The method of claim 41, wherein the data access command is directed to the second storage system.
- 43. (New) The method of claim 41, wherein the proxy port comprises a physical port,
- 44. (New) The method of claim 41, wherein the proxy port comprises a virtual port.
- 45. (New) The method of claim 41, wherein the first storage system receives the data ac-
- cess command in response to a communication failure between the client and the second
- storage system.

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- 46. (New) A system for proxying data access commands from a first storage system to a
- second storage system in a storage system cluster, comprising:

a proxy port on the first storage system, the proxy port to receive a data access
command that is directed to the second storage system in response to a failure in communication between a client and the second storage system:

a local virtual adapter on the first storage system, the local virtual adapter to forward the received data access command to the second storage system via a cluster interconnect:

a processor on the second storage system, the processor configured to process the data access command at the second storage system;

a partner virtual adapter on the second storage system, the partner virtual adapter to return a response from the second storage system to the first storage system via the cluster interconnect; and

a network adapter to send a response to the data access command to a client from the first storage system.

- 47. (New) The system of claim 46, wherein the first storage system further comprises a
- local virtual target module to determine the data access command was received at a proxy
- 3 port on the first storage system, and the local virtual target module to pass the data access
- command to the local virtual adapter.

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- 48. (New) The system of claim 46, wherein the proxy port comprises a physical port.
- 49. (New) The system of claim 46, wherein the proxy port comprises a virtual port.